David Grant

List of Publications by Year
in descending order

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27 papers	6,517 citations	471509 17 h-index	610901 24 g-index
27 all docs	27 docs citations	27 times ranked	6540 citing authors

#	Article	IF	Citations
1	Genome sequence of the palaeopolyploid soybean. Nature, 2010, 463, 178-183.	27.8	3,854
2	RNA-Seq Atlas of Glycine max: A guide to the soybean transcriptome. BMC Plant Biology, 2010, 10, 160.	3.6	634
3	SoyBase, the USDA-ARS soybean genetics and genomics database. Nucleic Acids Research, 2010, 38, D843-D846.	14.5	553
4	Mining EST databases to resolve evolutionary events in major crop species. Genome, 2004, 47, 868-876.	2.0	310
5	Abundance of SSR Motifs and Development of Candidate Polymorphic SSR Markers (BARCSOYSSR_1.0) in Soybean. Crop Science, 2010, 50, 1950-1960.	1.8	282
6	Phenotypic and Genomic Analyses of a Fast Neutron Mutant Population Resource in Soybean Â Â. Plant Physiology, 2011, 156, 240-253.	4.8	175
7	SoyTEdb: a comprehensive database of transposable elements in the soybean genome. BMC Genomics, 2010, 11, 113.	2.8	122
8	Simple Sequence Repeat Diversity among Soybean Plant Introductions and Elite Genotypes. Crop Science, 2000, 40, 1452-1458.	1.8	73
9	Soybean genomic survey: BAC-end sequences near RFLP and SSR markers. Genome, 2001, 44, 572-581.	2.0	66
10	Changes in Twelve Homoeologous Genomic Regions in Soybean following Three Rounds of Polyploidy. Plant Cell, 2011, 23, 3129-3136.	6.6	66
11	Integrating microarray analysis and the soybean genome to understand the soybeans iron deficiency response. BMC Genomics, 2009, 10, 376.	2.8	56
12	Molecular characterization of iron deficiency chlorosis in soybean. Journal of Plant Nutrition, 2000, 23, 1929-1939.	1.9	55
13	AgBioData consortium recommendations for sustainable genomics and genetics databases for agriculture. Database: the Journal of Biological Databases and Curation, 2018, 2018, .	3.0	52
14	Microsatellite discovery from BAC end sequences and genetic mapping to anchor the soybean physical and genetic maps. Genome, 2008, 51, 294-302.	2.0	50
15	A new decade and new data at SoyBase, the USDA-ARS soybean genetics and genomics database. Nucleic Acids Research, 2021, 49, D1496-D1501.	14.5	49
16	An Integrative Approach to Genomic Introgression Mapping Â Â. Plant Physiology, 2010, 154, 3-12.	4.8	45
17	Gene expression patterns are correlated with genomic and genic structure in soybean. Genome, 2011, 54, 10-18.	2.0	23
18	Identification of candidate signaling genes including regulators of chromosome condensation 1 protein family differentially expressed in the soybeanâ€“Phytophthora sojae interaction. Theoretical and Applied Genetics, 2009, 118, 399-412.	3.6	13

#	Article	IF	Citations
19	ESTminer: a suite of programs for gene and allele identification. Bioinformatics, 2005, 21, 691-693.	4.1	10
20	Ten quick tips for sharing open genomic data. PLoS Computational Biology, 2018, 14, e1006472.	3.2	8
21	The endogenous transposable element Tgm9 is suitable for generating knockout mutants for functional analyses of soybean genes and genetic improvement in soybean. PLoS ONE, 2017, 12, e0180732.	2.5	7
22	Using Crop Databases to Explore Phenotypes: From QTL to Candidate Genes. Plants, 2021, 10, 2494.	3.5	4
23	SoyBase and the Legume Information System: Accessing Information about the Soybean and Other Legume Genomes. , 2012, , 53-66.		3
24	RFLP map of soybean. Advances in Cellular and Molecular Biology of Plants, 2001, , 357-378.	0.2	3
25	SoyBase: A Comprehensive Database for Soybean Genetic and Genomic Data. Compendium of Plant Genomes, 2017, , 193-211.	0.5	2
26	Bioinformatic Resources for Soybean Genetic and Genomic Research. , 2008, , 141-159.		1
27	Molecular Mapping of Quantitative Trait Loci. , 2010, , 91-121.		1